

## CLAIMS

1. A motor vehicle with a heating, ventilating and air-conditioning system to which measured values from a solar sensor (8) and an interior temperature sensor (11) are supplied, which sensors are arranged on a common housing (7), characterized by the fact that a moisture sensor (13) supplying measured values to the HVAC system is also arranged on the housing (7).  
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2. The motor vehicle as in claim 1, characterized by the fact that the interior temperature sensor (11) and the moisture sensor (13) are arranged on the housing (7) in such a way that the interior temperature sensor (11) is shielded against an airstream emerging from the defroster nozzle (5), and the moisture sensor (13) extends into a flow channel (12) of the defroster nozzle (5).  
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3. The motor vehicle as in claim 1, characterized by the fact that the electrical connections of the solar sensor (8), of the interior temperature sensor (11) and the moisture sensor (13) contact the control unit of the HVAC installation or a vehicle bus by means of a common plug connector (14).
4. The motor vehicle as in claim 2, characterized by the fact that the electrical connections of the solar sensor (8), of the interior temperature sensor (11) and the moisture sensor (13) contact the control unit of the HVAC installation or a vehicle bus by means of a common plug connector (14).